



Please type a plus sign (+) inside this box → +

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 501.37841X00

First Inventor or Application Identifier Itaru NISHIZAWA

Title See 1 in Addendum

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 69]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 13]
4. Oath or Declaration [Total Pages 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement [Power of
(when there is an assignee) Attorney]
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS
Citations]
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. * Small Entity Statement(s) [Statement filed in prior application
(PTO/SB/09-12)] [Status still proper and desired]
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

Group / Art Unit:

Prior application information: Examiner _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)	020457			or <input type="checkbox"/> Correspondence address below
Name				
Address				
City	State		Zip Code	
Country	Telephone		Fax	

Name (Print/Type)	Carl I. Brundidge	Registration No. (Attorney/Agent)	29,621
Signature		Date	11/05/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$2,326.00)

Complete if Known

Application Number	501.37841X00	PRO
Filing Date	November 5, 1999	U.S. PRO
First Named Inventor	Itaru NISHIZAWA	11/05/99
Examiner Name		JC 675 U.S. PRO
Group / Art Unit		11/05/99
Attorney Docket No.		11/05/99

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01-2135
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	760.00
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1)		(\$)	760.00

2. EXTRA CLAIM FEES

Total Claims	-20** =	Extra Claims	Fee from below	Fee Paid
34	=	14	X 18.00	= 252.00
Independent Claims 16	-3** =	13	X 78.00	= See

Multiple Dependent 260.00 = 260.00

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$) 1,526.00

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	0.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00
139 130	139 130	Non-English specification	0.00
147 2,520	147 2,520	For filing a request for reexamination	0.00
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115 110	215 55	Extension for reply within first month	0.00
116 380	216 190	Extension for reply within second month	0.00
117 870	217 435	Extension for reply within third month	0.00
118 1,360	218 680	Extension for reply within fourth month	0.00
128 1,850	228 925	Extension for reply within fifth month	0.00
119 300	219 150	Notice of Appeal	0.00
120 300	220 150	Filing a brief in support of an appeal	0.00
121 260	221 130	Request for oral hearing	0.00
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00
140 110	240 55	Petition to revive - unavoidable	0.00
141 1,210	241 605	Petition to revive - unintentional	0.00
142 1,210	242 605	Utility issue fee (or reissue)	0.00
143 430	243 215	Design issue fee	0.00
144 580	244 290	Plant issue fee	0.00
122 130	122 130	Petitions to the Commissioner	0.00
123 50	123 50	Petitions related to provisional applications	0.00
126 240	126 240	Submission of Information Disclosure Stmt	0.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	0.00
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	0.00
Other fee (specify) _____			0.00
Other fee (specify) _____			0.00
* Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$) 40.00

SUBMITTED BY

Typed or Printed Name	Carl I. Brundidge	Reg. Number	29,621
Signature		Date	11/05/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Addendum

1. DATA WAREHOUSE SYSTEM AND QUERY PROCESSING METHOD USED IN THE SYSTEM AND DATA COLLECTING METHOD AND APPARATUS FOR THE METHOD AND CHARGING METHOD AND APPARATUS IN THE SYSTEM

Addendum

Attachment 1

1,014.00



UNITED STATES-DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY.DOCKET NO.
---------------	-------------	-----------------------	-----------------

EXAMINER

ART. UNIT PAPER NUMBER

DATE MAILED:

NOTICE OF INSUFFICIENT FILING FEES

APPLICANT IS GIVEN 30 DAYS FROM THE DATE OF MAILING OF THIS NOTICE WITHIN WHICH TO SUBMIT THE BALANCE DUE. Extension of this 30 day period under 37 CFR 1.136(a) will not be permitted. Failure to respond within this period will result in the application becoming abandoned. 35 U.S.C. 133.

The filing fees submitted in connection with this application are insufficient. See the attached Patent Application Fee Determination Record (Form PTO-875). The balance due for additional claims and/or multiple dependent claims is summarized below:



A. Filing Fees due upon filing the application

Total Filing Fees Due	= \$ <u>360.00</u>
Less Filing Fees Submitted	- \$ <u>282.00</u>
BALANCE DUE	= \$ <u>18.00</u>



B. Fees due in connection with the amendment filed on _____

Total Fees Due	= \$ _____
Less Fees Submitted	- \$ _____
BALANCE DUE	= \$ _____

ATTACHMENT: FORM PTO-875

Clerk of Group

APPLICANT: PLEASE COMPLETE THIS PORTION AND RETURN THIS NOTICE WITH PAYMENT
Fee submitted \$ _____ Signature _____

CERTIFICATE OF MAILING

I hereby certify that this notice and the required additional fee are being deposited with the U.S. POSTAL SERVICE as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on (date) _____

Print Name: _____

Signature: _____